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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
09/745,011	12/20/2000	Paul Gulko	GFM-00101 7233 EXAMINER		
26339 7:	590 07/15/2005				
PATENT GR	OUP	FRENEL, VANEL			
CHOATE, HALL & STEWART EXCHANGE PLACE, 53 STATE STREET			ART UNIT	PAPER NUMBER	
BOSTON, MA 02109			3626		
•			DATE MAILED: 07/15/2009	•	

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application	n No.	Applicant(s)				
Office Action Summary		09/745,011		GULKO ET AL.				
		Examiner		Art Unit				
		Vanel Frene		3626				
 Period for	The MAILING DATE of this communicate Reply	ation appears on the d	cover sheet with the c	orrespondence add	ress			
THE M Extensing after SI - If the point of the point o	RTENED STATUTORY PERIOD FOR AILING DATE OF THIS COMMUNIC, ons of time may be available under the provisions of X (6) MONTHS from the mailing date of this commun eriod for reply specified above is less than thirty (30) or eriod for reply is specified above, the maximum statut to reply within the set or extended period for reply will be yet or extended period for the yet or extended period for reply will be yet or extended period for reply will	ATION. 37 CFR 1.136(a). In no evenication. days, a reply within the statute tory period will apply and will I, by statute, cause the applic	t, however, may a reply be tim ory minimum of thirty (30) days expire SIX (6) MONTHS from ation to become ABANDONEI	ely filed s will be considered timely. the mailing date of this con O (35 U.S.C. § 133).	nmunication.			
Status								
1)⊠ F	Responsive to communication(s) filed	on <u>13 <i>April</i> 2005</u> .						
2a)⊠ T	his action is FINAL. 2b) ☐ This action is no	n-final.					
•	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.							
Dispositio	n of Claims							
5)□ C 6)図 C 7)□ C	4) Claim(s) 1-99 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) 1-99 is/are rejected. 7) Claim(s) is/are objected to.							
Applicatio	n Papers							
9)□ T	he specification is objected to by the I	Examiner.						
10)□ T	10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.							
۵	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
	Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.							
Priority un	der 35 U.S.C. § 119	·						
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 								
Attachment(s	s)							
1) Notice	of References Cited (PTO-892)	•	4) Interview Summary	(PTO-413)				
3) 🔲 Informa	of Draftsperson's Patent Drawing Review (PTC ation Disclosure Statement(s) (PTO-1449 or PT No(s)/Mail Date	TO/SB/08)	Paper No(s)/Mail Da 5) Notice of Informal P 6) Other:		152)			

U.S. Patent and Trademark Office PTOL-326 (Rev. 1-04)

DETAILED ACTION

Notice to Applicant

1. This communication is in response to the Amendment filed on 04/13/05. Claims 1-2, 7, 12, 17-18, 21-23, 25, 31-35, 39-45, 47-51 and 53-66 have been amended. Claims 67-99 have been newly added. Claims 1-99 are pending.

Claim Rejections - 35 USC § 103

- 2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 3. Claims 1-99 are rejected under 35 U.S.C. 103(a) as being unpatentable over King et al (5,704,045), Walker et al (6,119,093) in view of Kern (6,604,080).
- (A) Claim 1 has been amended to recite the limitations of: "in the computer system"; identifying in the computer system at least one of a state statute, regulation and rule relating to a number of types of lines of insurance which can be associated with the insurance account"; determining in the computer system the number of types of lines of insurance which can associated with the insurance account based on the identified at lest one of a state statute, regulation and rule"; and "which is in the determined number of types of lines of insurance which can be associated with the insurance account in the computer system".

The combination of King and Walker discloses "in the computer system" (See King, Col.9, lines 30-56).

King and Walker do not explicitly disclose identifying in the computer system at least one of a state statute, regulation and rule relating to a number of types of lines of insurance which can be associated with the insurance account"; determining in the computer system the number of types of lines of insurance which can associated with the insurance account based on the identified at lest one of a state statute, regulation and rule"; and "which is in the determined number of types of lines of insurance which can be associated with the insurance account in the computer system".

However, these features are known in the art, as evidenced by Kern. In particular, Kern suggests identifying in the computer system at least one of a state statute, regulation and rule relating to a number of types of lines of insurance which can be associated with the insurance account" (See Kern, Col.1, lines 15-60); determining in the computer system the number of types of lines of insurance which can associated with the insurance account based on the identified at lest one of a state statute, regulation and rule (See Kern, Col.2, lines 10-67)"; and "which is in the determined number of types of lines of insurance which can be associated with the insurance account in the computer system (See Kern, Col.21, lines 53-67 to Col.22, line 21)."

It would have been obvious to one of ordinary skill in the art at the time of the invention to have included the features of Kern within the collective teachings of King and Walker with the motivation of providing full statutory coverage with quality carriers

so that the states would allow HMO's or PPO's to have a greater saving (See Kern, Col.19, lines 50-53).

(B) Claim 2 has been amended to recite the words "in the computer system".

The amendment to claim 2 appear to have been made merely to better describe the claim by adding the words "in the computer system". While these changes render the language of the claims smoother and more consistent, they otherwise affect neither the scope nor breadth of the claims as originally presented nor the manner in which the claims were interpreted by the Examiner when applying prior art within the previous Office Action.

As such, the recited claimed features are rejected for the same reasons given in the prior Office Action, and incorporated herein.

The remainder of claim 2 is rejected for the same reasons given in the prior Office Action, and incorporated herein.

The motivations for combining the respective teachings of King, Walker and Kern are as given in the rejection of claim 1 above, and incorporated herein.

(C) Claim 7 has been amended to the recite the word "the".

The amendment to claim 7 appear to have been made merely to better describe the claim by adding the words "in the computer system". While these changes render the language of the claims smoother and more consistent, they otherwise affect neither the scope nor breadth of the claims as originally presented nor the manner in which the

claims were interpreted by the Examiner when applying prior art within the previous Office Action.

As such, the recited claimed features are rejected for the same reasons given in the prior Office Action, and incorporated herein.

The remainder of claim 7 is rejected for the same reasons given in the prior Office Action, and incorporated herein.

The motivations for combining the respective teachings of King, Walker and Kern are as given in the rejection of claim 1 above, and incorporated herein.

(D) Claims 12, 18, 23, 25 and 32-33 have been amended to the recite the words "in the computer system."

The amendment to claims 12, 18, 23, 25 and 32-33 appear to have been made merely to better describe the claim by adding the words "in the computer system". While these changes render the language of the claims smoother and more consistent, they otherwise affect neither the scope nor breadth of the claims as originally presented nor the manner in which the claims were interpreted by the Examiner when applying prior art within the previous Office Action.

As such, the recited claimed features are rejected for the same reasons given in the prior Office Action, and incorporated herein.

The remainder of claim 12, 18, 23, 25 and 32-33 are rejected for the same reasons given in the prior Office Action, and incorporated herein.

The motivations for combining the respective teachings of King, Walker and Kern are as given in the rejection of claim 1 above, and incorporated herein.

(E) Claims 17, 21-22, 31, 50, 54-55 and 64 have been amended to the recite the word "comprises".

The amendment to claims 17, 21-22, 31, 50, 54-55 and 64 appear to have been made merely to better describe the claim by adding the words "in the computer system". While these changes render the language of the claims smoother and more consistent, they otherwise affect neither the scope nor breadth of the claims as originally presented nor the manner in which the claims were interpreted by the Examiner when applying prior art within the previous Office Action.

As such, the recited claimed features are rejected for the same reasons given in the prior Office Action, and incorporated herein.

The remainder of claims 17, 21-22, 31, 50, 54-55 and 64 are rejected for the same reasons given in the prior Office Action, and incorporated herein.

The motivations for combining the respective teachings of King, Walker and Kern are as given in the rejection of claims 1 and 34 above, and incorporated herein.

(F) Claim 34 has been amended to recite the limitations of: "readable medium having stored thereon instructions", "which when executed by a processor, cause the processor to perform the steps", "identifying at least one of a state statute, regulation and rule relating to a number of types of lines of insurance which can be associated with the

insurance account; determining the number of types of lines of insurance which can be associated with the insurance account based on the identified at least one of a state statute, regulation and rule; and which is in the determined number of types of lines of insurance which can be associated with the insurance account.

The combination of King and Walker discloses the limitations of: "readable medium having stored thereon instructions", "which when executed by a processor, cause the processor to perform the steps" (See Walker, Col.6, lines 25-43).

King and Walker do not explicitly disclose "identifying at least one of a state statute, regulation and rule relating to a number of types of lines of insurance which can be associated with the insurance account; determining the number of types of lines of insurance which can be associated with the insurance account based on the identified at least one of a state statute, regulation and rule; and which is in the determined number of types of lines of insurance which can be associated with the insurance account.

However, these features are known in the art, as evidenced by Kern. In particular, Kern suggests "identifying at least one of a state statute, regulation and rule relating to a number of types of lines of insurance which can be associated with the insurance account (See Kern, Col.1, lines 15-60); determining the number of types of lines of insurance which can be associated with the insurance account based on the identified at least one of a state statute, regulation and rule (See Kern, Col.2, lines 10-67); and which is in the determined number of types of lines of insurance which can be

associated with the insurance account (See Kern, Col.21, lines 53-67 to Col.22, line 21)."

It would have been obvious to one of ordinary skill in the art at the time of the invention to have included the features of Kern within the collective teachings of King and Walker with the motivation of providing full statutory coverage with quality carriers so that the states would allow HMO's or PPO's to have a greater saving (See Kern, Col.19, lines 50-53).

(G) Claims 35, 39-45, 47-49, 51, 53-64 and 65-66 have been amended to erase the words "machine executable code for".

The amendment to claims 35, 39-45, 47-49, 51, 53-64 and 65-66 appear to have been made merely to better describe the claim by adding the words "in the computer system". While these changes render the language of the claims smoother and more consistent, they otherwise affect neither the scope nor breadth of the claims as originally presented nor the manner in which the claims were interpreted by the Examiner when applying prior art within the previous Office Action.

As such, the recited claimed features are rejected for the same reasons given in the prior Office Action, and incorporated herein.

The remainder of claim 2 is rejected for the same reasons given in the prior Office Action, and incorporated herein.

(H) As per claim 2, Walker discloses the method further comprising: associating at least one industry standard code with said insurance account and said at least one line of insurance (See Walker, Col.5, lines 54-65; Col.12, lines 15-40).

The motivation for combining the respective teachings of King ,Walker and Kern are as discussed above in the rejection of claim 1, and incorporated herein.

(I) As per claim 3, Walker discloses the method wherein said insurance account is associated with a plurality of lines of insurance (Col.4, lines 47-67).

- (J) As per claim 4, King discloses the method wherein said insurance account is associated with at least two lines of insurance each being of type commercial automobile, worker's compensation, homeowner's and fire (Col.18, lines 14-42).
- (K) As per claim 5, King discloses the method wherein said insurance account is associated with one line of insurance being of type commercial automobile, worker's compensation, homeowner's and fire (Col.18, lines 14-42).
- (L) As per claim 6, King discloses the method further comprising: associating a group with a first of said each states having a corresponding state fund (Col.9, lines 2-26); and associating at least one member with said group (Col.23, lines 17-21).

(M) As per claim 7, Walker discloses the method further comprising: storing information in a computer system representing a relationship between said state fund and said associated insurance account and said at least one line of insurance (Col.6, lines 5-23).

The motivation for combining the respective teachings of King, Walker and Kern are as discussed above in the rejection of claim 1, and incorporated herein.

(N) As per claim 8, Walker discloses the method further comprising: representing a merger of at least two members by combining portions of said information stored in the computer system (Col.6, lines 5-43).

The motivation for combining the respective teachings of King, Walker and Kern are as discussed above in the rejection of claim 1, and incorporated herein.

(O) As per claim 9, Walker discloses the method further comprising: modifying a relationship between said at least two members represented in the computer system (Col.12, lines 55-67 to Col.13, line 17).

- (P) As per claim 10, King discloses the method further comprising: representing a split of one member into at least two entities using portions of said information stored in the computer system (Col.22, lines 66-67 to Col.23, line 25).
- (Q) As per claim 11, King discloses the method further comprising: modifying a relationship represented in said computer system of said one member corresponding to said split into said at least two entities (Col.22, lines 66-67 to Col.23, line 25).
- (R) As per claim 12, King discloses the method further comprising: determining an insurance account from which a payment is made (Col.16, lines 48-67 to Col.17, line 3).
- (S) As per claim 13, Walker discloses the method wherein said payment is made in connection with at least one of: a claim and an unearned premium (Col.5, lines 54-65).

The motivation for combining the respective teachings of King, Walker and Kern are as discussed above in the rejection of claim 1, and incorporated herein.

(T) As per claim 14, Walker discloses the method further comprising: tracking payments (Col.11, lines 41-52); and displaying an accounting of said payments with respect to a predetermined estimated amount of payments (Col.11, lines 41-52).

(U) As per claim 15, Walker discloses the method further comprising: tracking total payments made prior to said insolvency (Col.6, lines 59-67 to Col.7, line 6).

The motivation for combining the respective teachings of King, Walker and Kern are as discussed above in the rejection of claim 1, and incorporated herein.

- (V) As per claim 16, King discloses the method further comprising: tracking monies in connection with a recovery amount (Col.11, lines 9-38).
- (W) As per claim 17, Walker discloses the method of Claim 16, wherein said recovery amount includes at least one of: a salvage amount, a subrogation recovery, a second injury amount, a cost of living adjustment, and net worth (Col.14, lines 20-45).

The motivation for combining the respective teachings of King, Walker and Kern are as discussed above in the rejection of claim 1, and incorporated herein.

(X) As per claim 18, Walker discloses the method further comprising: creating a diary entry including information about one of: a claim and unearned premium (Col.13, lines 53-67 to Col.14, line 19); and sending said diary entry to at least one user (Col.11, lines 41-67).

(Y) As per claim 19, Walker discloses the method wherein said sending said diary entry is performed automatically in response to an occurrence of a predefined event (Col.11, lines 41-67).

The motivation for combining the respective teachings of King, Walker and Kern are as discussed above in the rejection of claim 1, and incorporated herein.

- (Z) As per claim 20, King discloses the method wherein said predefined event is one of deleting a pending payment, closing one of a claim and an unearned premium, upon rejection of a closing one of a claim and unearned premium, modifying a line of insurance, deleting a line of insurance, sending a note to a reviewer, adjusting a reserve, adding a new taxpayer, and modifying an existing taxpayer (Col.21, lines 1-42).
- (AA) As per claim 21, Walker discloses the method wherein the method further includes: creating an account for a user specifying a predetermined limit (Col.9, lines 11-67 to Col.10, line 23); specifying, by said user, a reserve amount above said predetermined limit (Col.9, lines 1-30); and sending said diary entry to a manager for approval in response to said user specifying said reserve amount (Col.8, lines 36-49).

The motivation for combining the respective teachings of King, Walker and Kern are as discussed above in the rejection of claim 1, and incorporated herein.

As per claim 22, Walker discloses the method wherein said sending said diary entry is performed in response to a first user creating said diary entry, and the method further includes: said first user selecting at least one other user to which said diary entry is sent (Col.11, lines 41-67 to Col.12, line 22).

The motivation for combining the respective teachings of King, Walker and Kern are as discussed above in the rejection of claim 1, and incorporated herein.

(CC) As per claim 23, Walker discloses the method further comprising: associating at least one note with an insurance claim; associating a blocked status with said insurance claim; and generating, in response to setting said blocked status, a note to at least one user indicating why said insurance claim has a blocked status (Col.11, lines 41-52).

The motivation for combining the respective teachings of King, Walker and Kern are as discussed above in the rejection of claim 1, and incorporated herein.

(DD) As per claim 24, Walker discloses the method further comprising: automatically notifying a first user when a second user attempts to perform a predetermined operation on said insurance claim having said blocked status (Col.11, lines 41-52).

The motivation for combining the respective teachings of King, Walker and Kern are as discussed above in the rejection of claim 1, and incorporated herein.

(EE) As per claim 25, Walker discloses the method further comprising: performing a transaction in connection with one of an insurance claim and an unearned premium (Col.13, line 18-34); and determining a corresponding insurance account in accordance with information about said one of said insurance claims and said unearned premium,

said information including a relationship to a state and at least one line of insurance associated with said corresponding insurance account (Col.13, line 18-34); and adjusting an amount associated with said corresponding insurance account in accordance with said transaction (Col.12, line 41-67).

- (FF) As per claim 26, King discloses the method further comprising: generating a data file including information about at least one of an unearned premium and a claim, said data file being used as an input file into an accounting system (Col.11, lines 4-9).
- (GG) As per claim 27, King discloses the method further comprising: generating general ledger entries, said general ledger entries being included in said data file (Col.11, lines 9-38).
- (HH) As per claim 28, King discloses the method further comprising: associating information about an insurance claim with said corresponding insurance account (Col.13, line 18-67 to Col.14, line 18); entering a note associated with an insurance claims, said note including descriptive information about said claim entered by a claim handler (Col.8, lines 41-67; Col.15, lines 1-29); and providing for said note to be available for reading by another user (Col.8, lines 41-67 to Col.9, line 26).

(II) As per claim 29, Walker discloses the method further comprising: recording information about an error in a log file included in a client system (Col.9, lines 11-25).

The motivation for combining the respective teachings of King, Walker and Kern are as discussed above in the rejection of claim 1, and incorporated herein.

- (JJ) As per claim 30, King discloses the method further comprising: auditing said transaction by recording audit information about said transaction (Col.17, lines 5-45).
- (KK) As per claim 31, Walker discloses the method wherein said audit information includes at least one of: date and time information, transaction type, data values prior to modification by said transaction, and user performing said transaction (Col.9, lines 47-67).

The motivation for combining the respective teachings of King, Walker and Kern are as discussed above in the rejection of claim 1, and incorporated herein.

(LL) As per claim 32, Walker discloses the method further comprising: generating an incomplete status of a record including information about a claim, obtaining additional information about said claim (Col.9, lines 57-67); modifying said record to include said additional information (Col.12, lines 55-67 to Col.13, line 17); and converting said incomplete status associated with said record to a claim status (Col.13, lines 5-34).

(MM) As per claim 33, Walker discloses the method further comprising: assigning at least one role to a first user have a first set of security permissions and access limits (Col.9, lines 11-35); and determining, using said first set of security permissions and access limits, whether to allow a user to perform an operation in connection with said insurance account (Col.11, lines 41-52).

The motivation for combining the respective teachings of King, Walker and Kern are as discussed above in the rejection of claim 1, and incorporated herein.

(NN) Claims 35-66 repeat the subject matter of claims 2-33 and respectively as a set of "machine—executable code" rather than a series of steps. As underlying process of claims 2-33 have been shown to be obvious in view of the collective teachings of King and Walker, it is readily apparent that the system disclosed by the applied prior art performs the recited underlying functions. As such, the limitations recited in claims 35-66 are rejected for the same reasons given above for method claims 2-33, and incorporated herein.

(OO) As per claim 67, King discloses a computer system for managing monies and information in connection with an insurance insolvency (See King, Col.5, lines 47-67), the system comprising: a designation system in the computer system that designates a state fund for each state associated with the insurance insolvency (See King, Col.9, lines 9-26).

King does not explicitly disclose an insurance account association system in the computer system that associates with the insurance account at least one line of insurance which is in the determined number of types of lines of insurance which can be associated with the insurance account.

However, this feature is known in the art, as evidenced by Walker. In particular, Walker suggests an insurance account association system in the computer system that associates with the insurance account at least one line of insurance which is in the determined number of types of lines of insurance which can be associated with the insurance account (See Walker, Col.5, lines 54-65; Col.12, lines 15-40).

It would have been obvious to one of ordinary skill in the art at the time of the invention to have included the feature of Walker within the system of King with the motivation of providing a system whereby ad hoc insurance syndicate can be created, providing many small investors with opportunity to collect insurance premiums (or portions of insurance premiums) in exchange for an affordable assumption of risk (See Walker, Col.2, lines 40-44).

King and Walker do not explicitly disclose a state fund association system in the computer system associates with the state fund an insurance account; an identification system in the computer system that identifies at least one of a state statute, regulation and rule relating to a number of types of lines of insurance which can be associated with the insurance account; a determination system in the computer system that determines the number of types of lines of insurance which can be associated with the

insurance account based on the identified at least one of a state statute, regulation and rule.

However, these features are known in the art, as evidenced by Kern. In particular, Kern suggests a state fund association system in the computer system associates with the state fund an insurance account (See Kern, Col.1, lines 15-60); an identification system in the computer system that identifies at least one of a state statute, regulation and rule relating to a number of types of lines of insurance which can be associated with the insurance account (See Kern, Col.1, lines 15-60); a determination system in the computer system that determines the number of types of lines of insurance which can be associated with the insurance account based on the identified at least one of a state statute, regulation and rule (See Kern, Col.21, lines 53-67 to Col.22, line 21).

It would have been obvious to one of ordinary skill in the art at the time of the invention to have included the features of Kern within the collective teachings of King and Walker with the motivation of providing full statutory coverage with quality carriers so that the states would allow HMO's or PPO's to have a greater saving (See Kern. Col.19, lines 50-53).

(PP) Claims 68-99 repeat the subject matter of claims 35-66 and respectively as a set of "machine-executable code" rather than a series of steps. As underlying process of claims 35-66 have been shown to be obvious in view of the collective teachings of King and Walker, it is readily apparent that the system disclosed by the applied prior art

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performs the recited underlying functions. As such, the limitations recited in claims 68-99 are rejected for the same reasons given above for method claims 35-66, and incorporated herein.

Response to Arguments

- 5. Applicant's arguments filed on 4/13/05 with respect to claims 1-2, 7, 12, 17-18, 21-23, 25, 31-35, 39-45, 47-51 and 53-66 have been considered but are most in view of the new ground(s) of rejection.
- 6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The cited but not the applied art teaches method and apparatus of creating financial instrument and administering an adjustable rate loan system (5,742,775), method and apparatus for establishing and enhancing the creditworthiness of intellectual property (6,330,547), method and apparatus for facilitating customer payments to creditors from a remote site (6,119,106) and a report on the proceedings of the Joint Symposium on Insolvency and Secured Transactions by (Charles D. Booth 26-27 Octobre 1999).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vanel Frenel whose telephone number is 703-305-4952. The examiner can normally be reached on Monday-Thursday from 6:30 am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph Thomas can be reached on 703-305-9588. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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